# Webmaster User Group

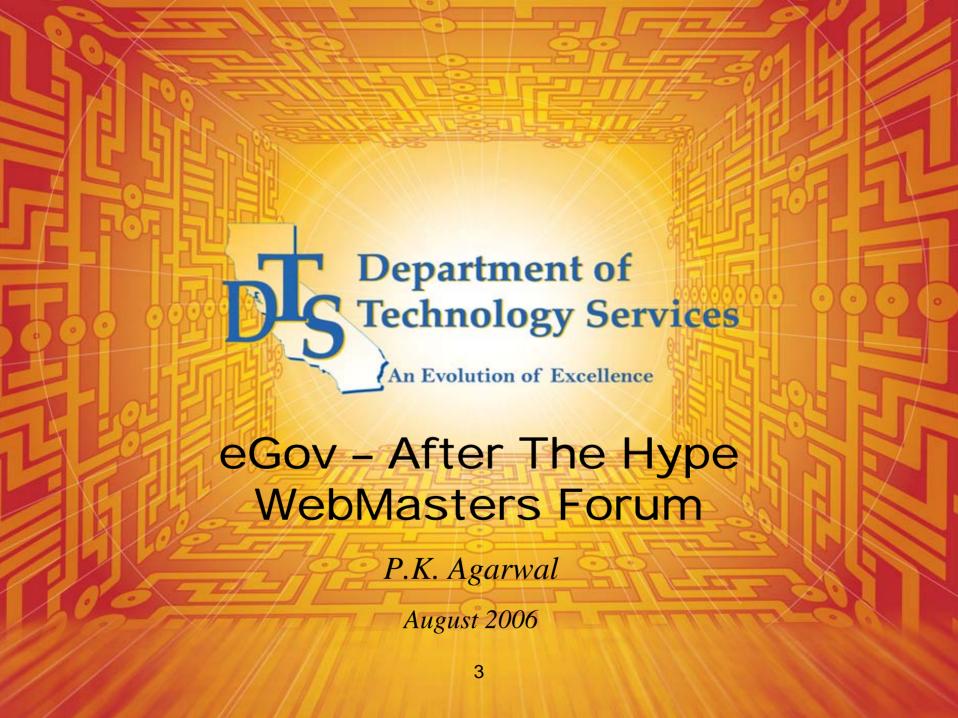
August 23, 2006



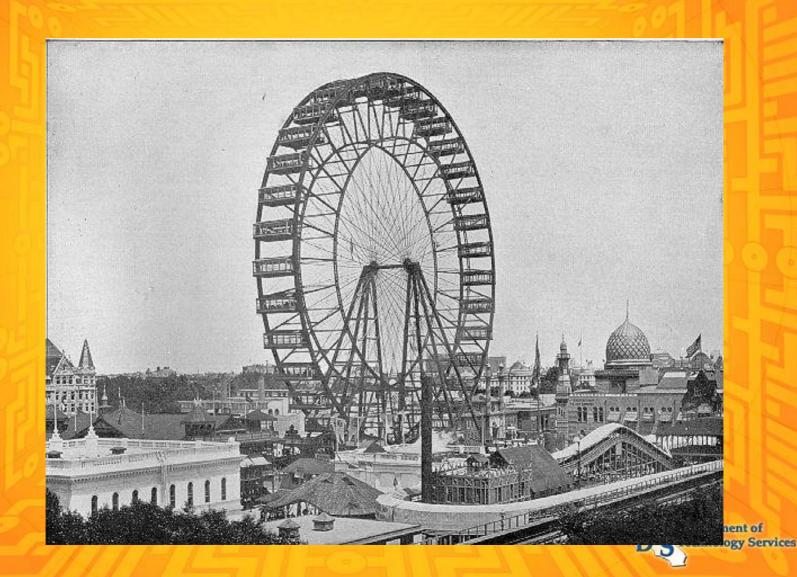
#### Agenda

- Introduction
- Session Overview
- Portal Redesign Project Update
- IOUCA Update
- Audience Participation
- Conclusion





## World Fair 1893 - Chicago



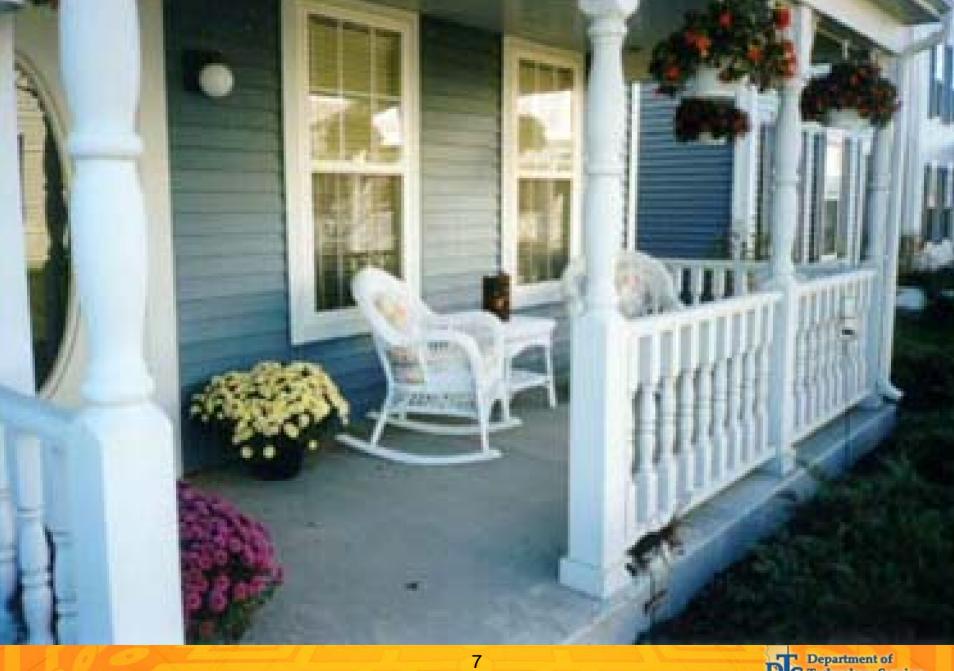
#### The Future – Eyes of 1893

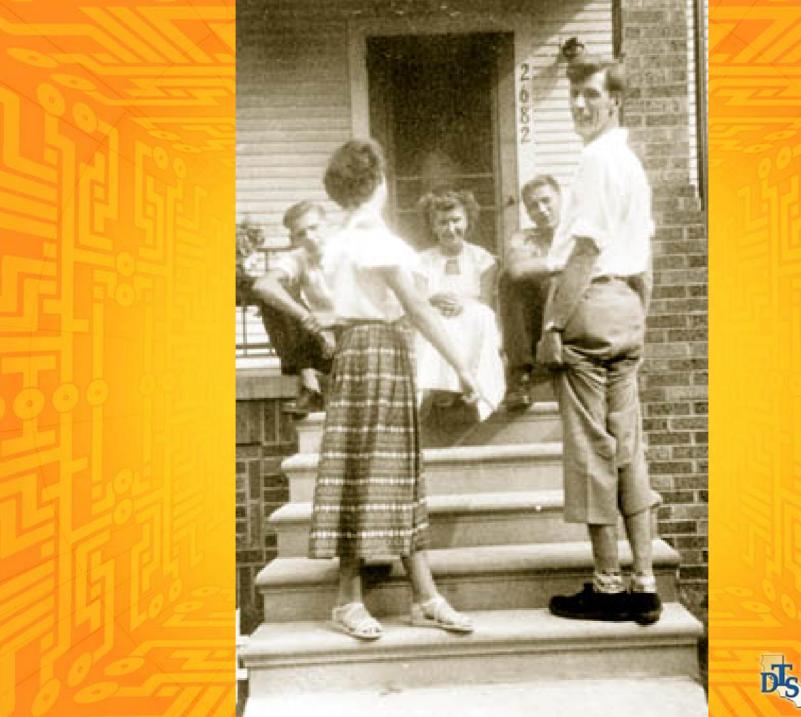
- Taxation reduced to a minimum
- Entire world open to trade
- No need for standing armies
- People will live to be 150
- Government would have become more simple because true greatness always tends toward simplicity
- Free mail delivery, no mortgages, removal of divorce laws.....

#### "e" Defined



Department of Technology Services











## Is there a Web 2.0 for California government?

#### eCompetitiveness

Are Californians going to be better off, economically, ten years from now?







"Let one thousand flowers bloom"

CA vision for e-services?

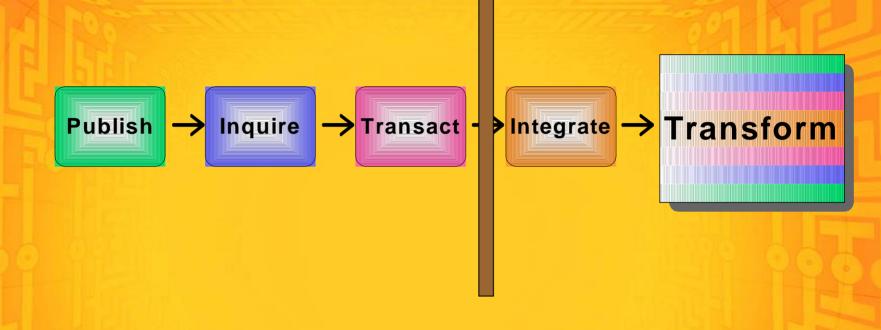


## How Americans Get in Touch With Government (2004)?

- 42% said they used the telephone the last time they contacted government.
- 29% said they visited a government Web site to contact government.
- 20% visited in person.
- 18% sent an email.
- 17% wrote a letter.
- 22% use multiple means to contact government.

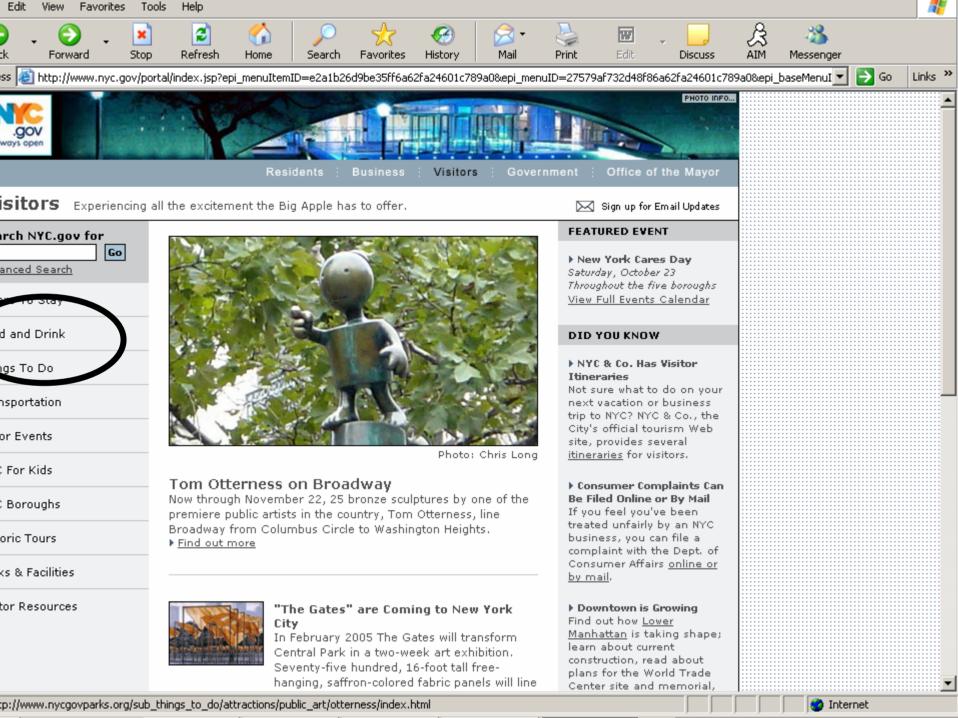


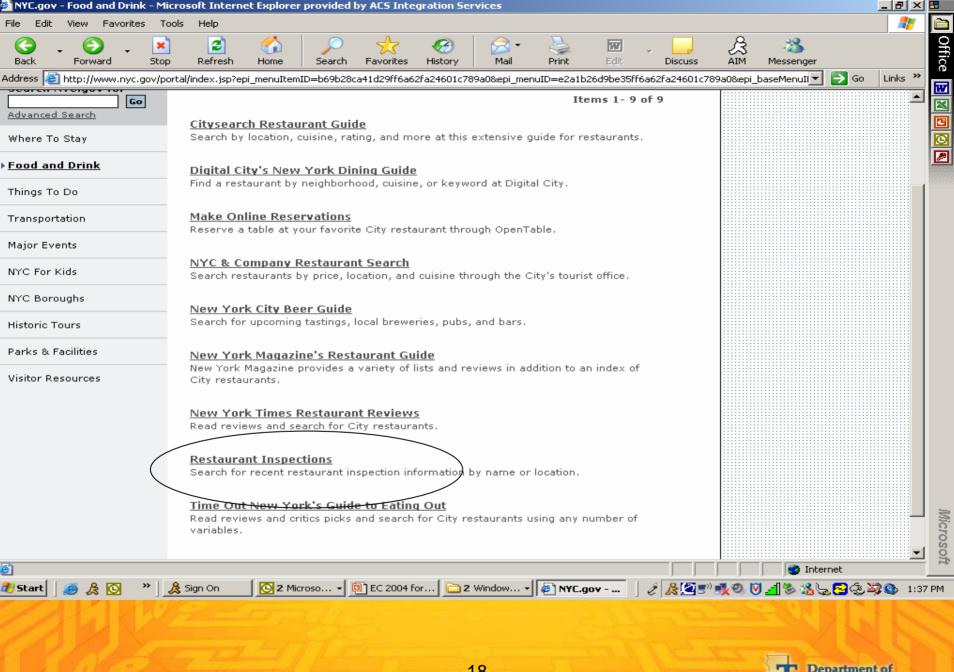
#### eServices Evolution

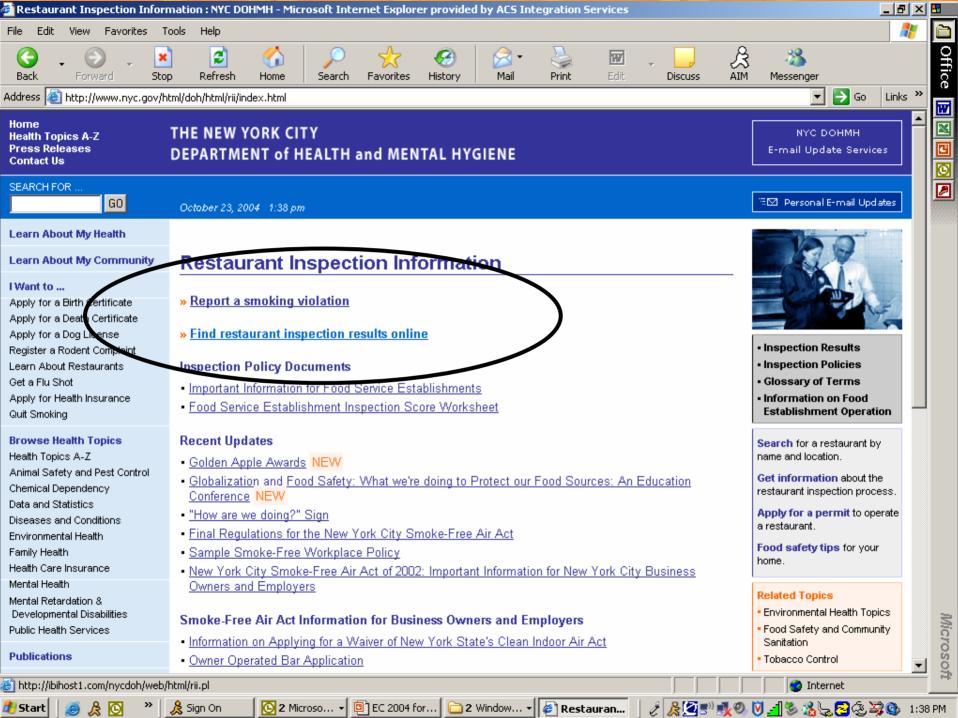


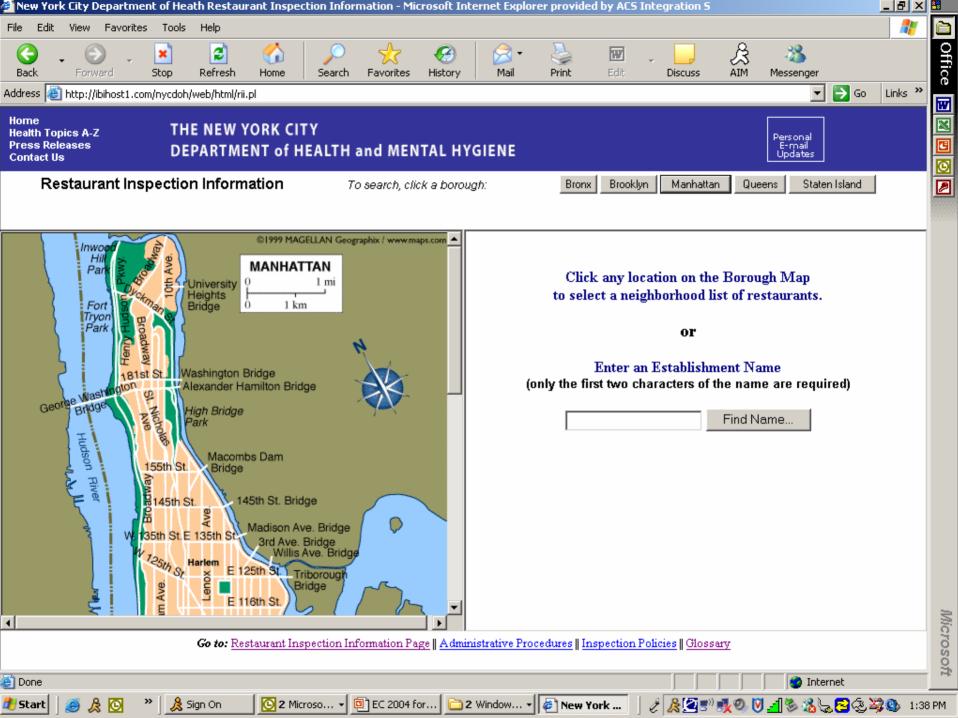


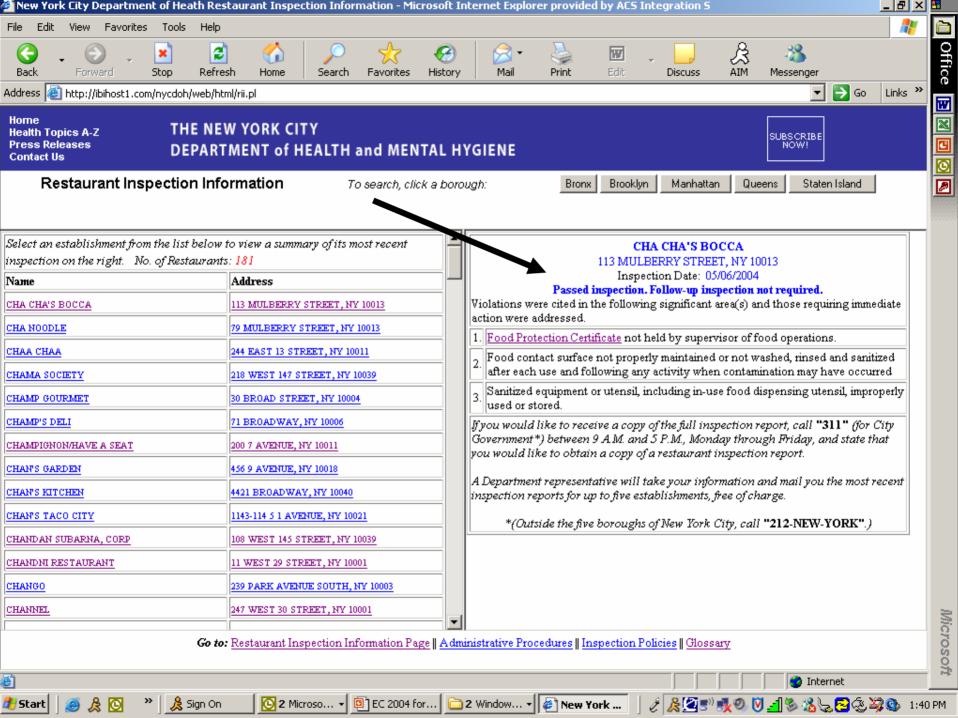
#### Services are being redefined.











To steal ideas from one person is plagiarism; to steal from many is research

Hindsight is an exact science

Inside every large problem is a small problem struggling to get out

If you find yourself in a hole, the first thing to do is stop diggin'



## California Portal Designs

Interface, Navigation & Branding



#### Items to Consider

- Structural layout of interface design
- Navigation paradigm
- California branding
- Color schemes
- Possible content layouts



#### Interface Elements

- California brand
- State/Department title area
- Search
- Main navigation
- "Skip To" navigation
- Legal information



#### Where We're At Right Now

- Narrowed interface design down to two options
- Narrowed color schemes down to five options
- Narrowed California brand to two options
- Exploring a two-level horizontal navigation
- Getting feedback from webmasters



#### Design One





#### Design One With Tabs





### Design Two



### **Navigation Proposal**

- Multi-level horizontal main navigation
- Additional navigation can be handled as page content



### California Branding Proposals





#### Content Layout

 Content layouts will follow grid layout model, but actual layout dictated by content and use



Search

Welcome Business Families Health Education Licensing Taxes Other Other Other Help
Starting Up Hiring (Licenses) Fees Regulations

#### **Most Visited**

- 1. DMV
- 2. EVENTS IN CALIFORNIA
- 3. JOBS
- 4. STATE PHONE DIRECTORY
- 5. LEGISLATION
- 6. LICENSES
- 7. STATE LOTTERY
- 8. TAXES
- 9. UNCLAIMED PROPERTY
- **0. UNEMPLOYMENT**



Visit the Governor's website

The Governor saves millions for California.

- Important item to see.
   Click somewhere to read something about
- Important item to see.
   Click somewhere to read something about
- Important item to see.
   Click somewhere to read something about
- Important item to see.
   Click somewhere to read something about

#### What's New

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#### What's New

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#### How to Provide Feedback

Email Dane Wilson at the DTS at:

Dane.Wilson@dts.ca.gov



### IOUCA

Information Organization,
Usability, Currency, &
Accessibility Working Group



## The IOUCA is a cross-agency working group promoting website usability and accessibility.

- California Military
- California Research Bureau
- California State Library
- Consumer Affairs
- DMV
- •EDD
- Enterprise Architecture
- Food & Agriculture
- Franchise Tax Board
- Health Services

- Independent Living Council
- Insurance
- Managed Health Care
- Peace Officer Standards and Training
- Rehabilitation
- Social Services
- State CIO's Office
- Technology Services



## Our Charge

- The IOUCA is charged with recommending direction to ensure usability and accessibility of state websites through proposed standards and guidelines.
- Proposals include a business case, recommended standards and guidelines, possible approaches to implementation, tools for implementation, and reference materials.

#### What We've Done...

- Accessibility
  - Section 508
  - W3C Levels I and II
  - Best Practices from DOR
- Usability
  - High-level direction for website usability
- Separating Content from Presentation
  - Separate content from presentation using Cascading Style Sheets



#### **Current Efforts**

- Usability Engineering and Testing
- Writing and Managing Content for the Web
- Classifying and Organizing Information to Support Search and Navigation
- Technical Implementation Standards and Guidelines to Support Usability and Accessibility



### Usability

- Engineering
  - Know your audience
  - Simplify user interface
  - Design for interaction
- Testing
  - Conduct user testing
  - Identify problems
  - Meet your objectives and your users' needs



### Usability – Four Steps

#### 1. Plan

 Think about what you want to achieve and create a focused vision that will benefit both your internal and external users.

#### 2. Research

 Know the user, your audiences, what categories do they fall under, what are they looking for?



### Usability – Four Steps

#### 3. Analyze

Analyze the current site, identify users and conduct task analysis

#### 4. Design

- Design page layout requirements (home page, headers and footers, understandable and scannable),
- Navigation scheme, (choose a structure that matches your users' needs)



### Usability – Four Steps

#### 4. Design

- Text appearance, (easy and comfortable to see and read)
- Scrolling and paging (do not overload your page were it may affect the speed and size); conduct "content inventory".



#### Content

- Writing for the Web
  - Writing for your audience
  - Content layout
- Non-Text Content
- Content Review and Maintenance
  - Content Ownership and Model Review Process
  - Content Currency and Accuracy
- Managing Hyperlinks



### Findability

- Make Content Easy to Find
  - Information Organization
  - Labeling
- Support Search and Navigation
  - Metadata
  - Taxonomies, Folksonomies, Classification



## Findability

- Faceted Classification for a Recipe
  - Course
  - Cuisine
  - Dish
  - Season/Holiday
  - Preparation Method



### Technical Implementation

- Standards
  - Cascading Style Sheet (CSS) Version
  - Browser Support
  - (X)HTML Version
  - Document Type (DocType)
  - Character Set



### Technical Implementation

- Implementation Support
  - Semantic Markup
  - Graphics and Images
  - Template Structure
  - Typography
  - Metatags
- Master Pages and Content Management Systems



#### How Get Involved

- To request information, participate in the working group, or volunteer your department web team for real-world review of recommendations, contact:
  - John Jewell, (916) 653-0293jjewell@library.ca.gov
  - Kris Ogilvie, (916) 651-6800
     kogilvie@library.ca.gov
  - Debbie Schwartz, (916) 653-6812
     dschwartz@library.ca.gov
- For additional information visit the State CIO's website at <a href="http://www.cio.ca.gov/PortalSteeringCommittee.html">http://www.cio.ca.gov/PortalSteeringCommittee.html</a>



# To Participate in Current Efforts

- Usability
  - Donna Freeman, 845-6737, donna.freeman@ftb.ca.gov
- Content
  - Debbie Schwartz, 653-6812
     dschwartz@library.ca.gov
- Findability
  - Kris Ogilvie, 651-6800
     kogilvie@library.ca.gov
- Technical Implementation
  - Steve Branson, 496-7208
     sbranson@dhs.ca.gov



#### **Questions and Answers**



